

## ABSTRACT

### CATALYST COMPOSITION AND PROCESS THEREWITH

5 A composition that can be used as a catalyst is disclosed. The composition comprises, or is produced by combining, a titanium compound, a glycol, a phosphorus compound, and optionally water. Also disclosed is a process that can be used for producing a polyester. The process comprises contacting, in the presence of a catalyst composition, a carbonyl compound and an alcohol under a condition suitable for esterification, transesterification, or polymerization. The  
10 catalyst composition comprises, or is produced by combining, a titanium compound, a glycol, a phosphorus compound, and optionally water.